Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 16 Dec 2024 until 23:59 on Tuesday 17 Dec 2024

Forecast Issued on Sunday 15 Dec 2024 at 16:20

Confidence: High for remaining unsettled through the coming days but lower with regard to timing of cloud and precipitation details, and the northwards extent of a band of heavy rain moving east across England and Wales on Wednesday night, currently expected south of the Lake District.

Headline for Monday 16 Dec 2024: Cloudy start but becoming brighter. Summit gales

Mountain weather hazards on Monday 16 Dec 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
30%	40%	40%	30%	20%	20%	10%	10%

Forecast for Monday 16 Dec 2024

Weather: Low cloud and patchy light rain and drizzle through the early hours. Cloud, lifting and eventually breaking, through the morning with some sunny spells developing for the afternoon with patchy rain and drizzle largely dying out.

Chance of cloud-free hill tops above 800m: Little chance at first, rising to 75% by early afternoon.

Low cloud and visibility: Periods or persistent cloud 300-450m at first rising to 600-750m through the morning and becoming more occasional during the late morning and afternoon. Away from cloud, visibility just a few kilometres in drizzle otherwise good.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 16 Dec 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	46/58 W	43/54 W	41/52 SW	41/52 SW	42/54 SW	43/54 SW	39/50 SW	35/45 SW	30/39 SW
600	37/50 W	34/46 W	31/43 SW	33/45 W	34/47 W	33/46 SW	30/43 SW	27/39 SW	24/34 SW
300	15/39 W	14/36 W	13/34 W	14/36 W	15/37 W	14/36 W	13/33 SW	12/30 W	11/26 SW
Valley	15/36 SW	13/34 W	13/34 SW	15/34 SW	15/36 SW	13/33 SW	13/31 SW	12/28 SW	11/25 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-4	4/-4	4/-4	4/-4	4/-4	4/-4	3/-4	3/-4	3/-4
600	6/-1	5/-1	6/-0	5/-1	6/-1	5/-1	5/-1	5/-0	5/-0
300	8/4	8/4	7/4	8/4	8/4	8/4	7/4	7/4	7/4
Valley	9/6	9/6	9/6	9/6	9/6	9/6	9/6	9/6	9/6
Freezing Level*	2100m	2000m	1800m	1500m	1500m	1400m	1400m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 60mph over ridges and summits, easing later, with a significant chill effect.

Forecast for Tuesday 17 Dec 2024

Weather: Some clear spells through the early hours but cloud increasing towards to dawn with outbreaks of rain developing by dawn. Then a cloudy morning with further outbreaks of rain, but drier and brighter in the afternoon before occasionally heavy rain returns for the evening.

Maximum wind: Southwesterly 25-30mph backing more southerly 15-20mph through the morning, then gradually increasing 30-40mph in the afternoon, with gusts around 60mph over ridges and summits in the evening.

Chance of cloud-free hill tops above 800m: Little chance at first and from late afternoon, but improving to 75% in the afternoon

Low cloud and visibility: Periods or persistent cloud above 450-600m at first and again from late afternoon, but cloud more occasional above 600-750m in the afternoon.

Temperature: **Valleys:** Around plus 7 or 8 Celsius at dawn rising to plus 10 or 11 Celsius by day
At 800m: Around plus 4 or 5 Celsius
Freezing level: Above the summits

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Sunday 15 December 2024. Location: Blencathra summit at 11:00 UTC. Full report: Relatively warm for December but heavy rain and strong winds made for a challenging day on the high fells. There is currently no snow or ice in the Lake District. The windchill was still sub zero so folk would quickly become very cold if they were unable to move. Full winter clothing including plenty of layers and a wind and waterproof shell plus hats and gloves are essential. Other kit should include a headtorch, whistle, survival bag, mobile phone plus a couple of reliable and weatherproof means of navigation. Temperature: plus 6.2 C, Maximum wind speed 30.2 mph, Wind chill: minus 0.4 C, Average wind speed: 21.5 mph

Issued at: 1620 on Sun 15 Dec 2024

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